Count Regression

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# Key Concepts and Commands

* formulas are our friends
* Think about OR’s, pred. prob., non-linearity
* So much of categorical data analysis depends upon arguments for “functional form”. When do we think these arguments are valid?

# The Count



The Count and Friends

# Historical Examples of Count Data 🐴 ☎️ 🏥

* Deaths from horsekicks in the Prussian Army
* Calls to a call center (business, crisis hotline, etc.)
* Arrivals at the Emergency Room

# Other Canonical Examples of Count Data

* Plants / trees in a field
* Cases of disease / unit area